

Serial Number: 09724583

ENTERED

CRF Processing Date: 12/1/2000
 Edited by: An
 Verified by: (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/lastname at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

OIPE

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 PATENT APPLICATION: US/09/724,583
 DATE: 12/11/2000
 TIME: 13:36:01

Does Not Comply
 Corrected Diskette Needed

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2      Giles, Jennifer
3      Mu, Sharon X.
4      Xia, Min
5      Wang, Michael B.
6      Cravetto, Roger
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9      Uses Thereof
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1520 ggaacataa gctgtatggt aaagtgttt ttatgaaac ggaatgatg aaagctccc 10900
1522 ttgacaggtt ttgattttt ttgaaactga aagatgtgta aataacacg ctcattatt 10960
1524 ttgacacat gatttgaaga tcatcaatg aagcttcatc aataaaacct gttctccc 11020
1526 tacaattcaa ttgtgtatg caccaggttg atttcttga aaagactca ggaattctc 11080
1528 tgaatcteta tctaatgtr caagaaatc ctgagtttg aaagattca caaacagaa 11140
1530 catcaagctc gactctctca aaagtctcgt gttgacaccc ttgctataga gactatgaa 11200
1532 ttctatttc atagaaatc ttgtctctc cctctgctca agragggagc ctggacatc 11260
1534 ttgat ttagt gagggtgag ctgtctgccc ttttttgtgt ccaagctg ttaagatga 11320
1536 atgagacaa aaagatctt actgaagaga ttgcatgaa gctctgctc gaacacaaa 11380
1538 aaatgataa aaagaaatca caagacaga ttgaccaatg aaagaaagcca ttcaagag 11440
1540 ctgaagagag ctctccaaag gaagagctca cctgaagctc aaagaaatg gttttctc 11500
1542 ggaagaaac ataatgcaa catctatgtt aaatcagaa attcaagaa gtttgaag 11560
1544 agaatgaaa gctccagga ttgtctggtt atgtgtgttc atttctgtg caagaaatca 11620
1546 agctctgttg ttgaagatt gctgaaaa taaaagaaa aatggtaga gctaatlt 11680
1548 aaatnacttg caaagattt taaacataa gtaagaaat caaagaaat atcaaatat 11740
1550 ttgaagagag gacctgtga tcatgtgag acaaacatg gttatcaga gactacttc 11800
1552 agctctgcat cctnactac atccagagac ctctgaaggt caattctat gttctatc 11860
1554 tatggtagc ctgacatgt ttcatcttt ttgtatactt aggcacataa gctttaggc 11920

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/724,583
 DATE: 12/11/2000
 TIME: 13:36:01

Input Set : A:\001213seq.txt
 Output Set : H:\CRF3\12112000\I724583.raw

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1556 tggtagaatt tacttaagt atttqatgaat caagcagcac caaactacaa gtttttcagg 11580
1558 gctttaccac gggggccctg attggagaat tggatgagc gtggttagaa tgcattcaga 12040
1560 aaacaggggg aaaaaaatt tgaattactta aagtggaaag tcccaactta aatgttaac 12100
1562 aatgaattct aattacttga gtctctaatt agagtttagt tgcacatttc taattagtta 12160
1564 atctaatgtt gatttcttca ggcataagcc attctctgag tgcattgata gcaatccagt 12220
1566 aagaactcaa gacccaat atctcttctt aattattta gcaatgata ctgaattctg 12280
1568 ttccttcta ttgaactctg ttcccatgaa ccaaccaac acataagcc tctaatacc 12340
1570 aacataataa tgaatgctgc acgacaaaa tatttttt cgtatcttg tatttgtaac 12400
1572 atttccatta gtgctggagg gaagactaca acgacctga agcattggc cctgcttct 12460
1574 aaggaattac aatgtaatg aagccctgac attataaagt ggttcacctt ttctcaact 12520
1576 gaacaaact gaagctgagg gcttgaatta gtgttagtgc acttttga catgttcagt 12580
1578 cttaagaaaa ccaatcttg ggttagtta gatttttag tcaatttat aagaaccca 12640
1580 atgattgac tttaaatc ttgaacctat gtgctggaag aagaaccca ctctcaacc 12700
1582 tttagtctat gacacacc ctacatcac aagaactcac caaatataa taagaacatc 12760
1584 aaaaaaact catctctat agacctctg taqaattac aagaactcac tctgaactt 12820
1586 ggaatttga actcaaat ggaacaact acttgtaac gttcaagct ccaagagac 12880
1588 tctctgaca catccaga ctcaagctta aatctctct tctcttga aagaacac 12940
1590 atcttctca ccaagcaca gatctataa ttatgaat gtgtagga ggcacattt 13000
1592 agatcttate cactagt

```

E--> 1596 0

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/724,583 DATE: 12/11/2000
TIME: 13:36:02

Input Set : A:\001213seq.txt
Output Set: N:\CRF3\12112000\1724583.raw

L:15 H:270 C: Current Application Number differs, Replaced Application Number
L:16 H:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1596 H:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:13017 SEQ:17